

Appendix G

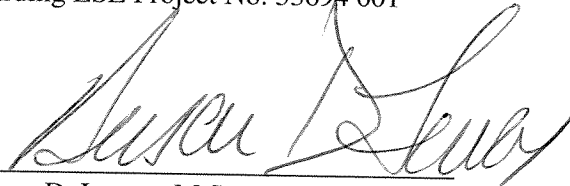
***Phase I Environmental Site Assessment
GWF Power Systems
Tracy Peaker
South of Southern Pacific Railroad and
North of Delta-Medota Canal
Tracy, California***

**Phase I Environmental Site Assessment
GWF Power Systems
Tracy Peaker
South of Southern Pacific Railroad and
North of Delta-Mendota Canal
Tracy, California**

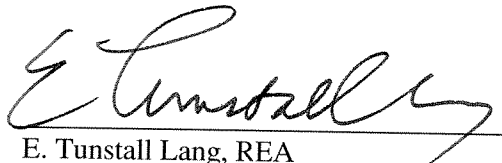
Prepared for

GWF Power Systems
4300 Railroad Avenue
Pittsburg, California 94565

Harding ESE Project No. 53694 001



Susan D. Lewos, M.S.
Project Environmental Scientist



E. Tunstall Lang, REA
Project Regulatory Specialist



July 2, 2001



Engineering and Environmental Services
90 Digital Drive
Novato, CA 94949 - (415) 883-0112

**Phase I Environmental Site Assessment
GWF Power Systems
Tracy Peaker
South of Southern Pacific Railroad and
North of Delta-Mendota Canal
Tracy, California**

Harding ESE Project No. 53694 001

This Phase I Environmental Site Assessment was prepared by Harding ESE Inc. (Harding ESE) for the use of GWF Power Systems Inc (GWF). No other party should rely on the information contained herein without the prior written consent of GWF and Harding ESE. This report and the interpretations, conclusions, and recommendations contained within are based in part on information presented in other documents that are cited in the text and listed in the references. Therefore, this report is subject to the limitations and qualifications presented in the referenced documents.

CONTENTS

1.0	EXECUTIVE SUMMARY	1
2.0	INTRODUCTION.....	3
2.1	Purpose and Scope of Work	3
2.2	Special Terms and Conditions	3
2.3	Report Organization	4
3.0	SITE DESCRIPTION	5
3.1	Location	5
3.2	Physical Setting.....	5
3.3	Site and Vicinity General Characteristics, History, and Planned Uses	6
3.4	Site Improvements	6
3.5	Current Use of the Property	6
4.0	SITE HISTORICAL REVIEW	7
4.1	Past Uses of the Site.....	7
4.2	Previous Environmental Studies Involving the Site.....	7
4.3	Historical Topographic Maps and Aerial Photographs	7
5.0	SITE RECONNAISSANCE	9
5.1	Site Visit Observations.....	9
5.2	General Observations	9
5.3	Adjacent Properties	10
6.0	REGULATORY AGENCY DATABASE REPORT REVIEW	11
6.1	The Site	11
6.2	Federal Environmental Record Sources.....	11
6.3	California Environmental Record Sources.....	12
6.4	State or Local ASTM Supplemental	14
6.5	Non-ASTM Databases	14
6.6	Orphan Sites	15
7.0	CONCLUSIONS AND RECOMMENDATIONS.....	16
8.0	REFERENCES.....	17

PLATES

- 1 Site Vicinity Map
- 2 Site Map

APPENDIXES

- A SITE PHOTOGRAPHS
- B HISTORICAL AERIAL PHOTOGRAPH AND TOPOGRAPHIC MAP
- C ENVIRONMENTAL DATA RESOURCES, INC., DATABASE REPORT

DISTRIBUTION

1.0 EXECUTIVE SUMMARY

Project Details

This report presents the results of Harding ESE, Inc.'s (Harding ESE) Phase I Environmental Site Assessment (ESA) for the future GWF Power Systems (GWF) property located south of and adjacent to the Southern Pacific Railroad tracks and north and adjacent to the Delta-Mendota Canal, between South Lammers Road and Hansen Road, and south of West Schulte Road, in the city of Tracy, San Joaquin County, California (Site). Harding ESE conducted this ESA for GWF Power Systems (GWF), who are considering constructing a peaker power facility on the Site. Ms. Susan Lewos of Harding ESE conducted the ESA.

The purpose of the Phase I ESA was to identify environmental conditions at the Site using guidance provided by the American Society for Testing and Materials (ASTM) Standard E 1527-00, *Standard Practice for Environmental Site Assessments*.

The scope of work for the Phase I ESA included conducting a Site visit and area reconnaissance; obtaining and reviewing an environmental regulatory agency database report; reviewing historical aerial photographs; reviewing site-specific documents provided by GWF; evaluating the data; and preparing this report.

Site Summary

- The Site is approximately 40 acres and is located between South Lammers and Hansen roads, south of West Schulte Road, and south of and adjacent to the Southern Pacific Railroad and north of and adjacent to Delta-Mendota Canal, approximately 1.0 mile north of Interstate 580.
- The Site is fallow and appears to have been used previously for agricultural purposes.
- Historical information for the Site shows that it has been used for agricultural purposes since at least 1957 (the date of earliest available historical aerial photograph from Environmental Data Resources).
- According to the United States Department of Agriculture Soil Survey for San Joaquin County presented in the Environmental Data Resources Report, soils in the area of the Site (upper 5 feet) are listed as "CAPAY", clay with very slow infiltration rates, and moderately well drained.
- Information from the California Department of Water Resources indicates that groundwater in the Site vicinity is approximately 10 to 25 feet below ground surface (bgs). However, the soil survey indicates that the ground water table may be located 3-6 feet below ground surface.
- The Site was not listed under any category in the environmental regulatory agency database report.

Status of Electrical Transformers

- No transformers or other electrical equipment with potentially PCB containing oils were observed on the Site, however the Tracy Substation is located north and adjacent to the Site. No reported releases or spills have occurred at the substation.

Asbestos-Containing Materials and Lead-Based Paint

- No structures were observed on the Site. Therefore, asbestos containing materials and lead-based paint are not an environmental concern at the Site.

Radon

- The EPA has established an "action level" for radon designated as 4 picoCuries per liter of air (pCi/L). EPA sponsored studies of average radon values measured in San Joaquin County indicate average radon levels are approximately 2.200 pCi/L in the region. Therefore, it is unlikely that radon poses a significant environmental concern at the Site.

Pesticides

- Since the Site has historically been used for agricultural purposes, the probability of pesticides in the soil is highly likely. Soil samples were collected at the Site under a different scope of work. Sample results will be provided under separate cover.

Offsite Issues

- Review of the environmental regulatory agency database report indicates that no offsite properties pose a significant environmental threat to the Site.

This assessment has revealed no evidence of recognized environmental conditions as defined by ASTM.

2.0 INTRODUCTION

This report presents the results of Harding ESE's Phase I ESA for GWF Power Systems, Tracy Peaker, south of and adjacent to the Southern Pacific Railroad tracks and north of and adjacent to the Delta-Mendota Canal, Tracy, San Joaquin County, California (Site; Plate 1)

2.1 Purpose and Scope of Work

The purpose of the Phase I ESA is to identify recognized environmental conditions at the Site, as defined by the American Society for Testing and Materials (ASTM) Standard E 1527-00, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*:

The term *recognized environmental conditions* means the presence or likely presence of any *hazardous substances* or *petroleum products* on a *property* under conditions that indicate an existing release, a past release, or a material threat of a release of any *hazardous substances* or *petroleum products* into structures on the *property* or into the ground, groundwater, or surface water of the *property*. The term includes *hazardous substances* or *petroleum products* even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not *recognized environmental conditions*.

The objective of the Phase I ESA was to identify environmental conditions at the Site using as guidance ASTM Standard E 1527-00. The scope of work for the Phase I ESA included the following activities:

- Completed a Site visit on June 11, 2001. Site photographs are in Appendix A
- Reviewed information provided by GWF
- Obtained and reviewed historical topographic maps from Environmental Data Resources, Inc. (Appendix B)
- Reviewed historical aerial photographs provided by Environmental Data Resources, Inc. (EDR) of the Site and its vicinity (Appendix B)
- Obtained and reviewed an environmental regulatory agency database report from EDR (Appendix C)
- Evaluated the data from the above activities
- Prepared this report.

2.2 Special Terms and Conditions

This document was prepared for the use of GWF. No other party should rely on the information contained herein without the prior written consent of GWF, and Harding ESE. The interpretation, discussion and conclusions presented in this report are based on the Site visit and review of the database report, aerial photographs, and other documents.

Specific to the ESA, lack of evidence of the presence of recognized environmental conditions following completion of the tasks of a reasonable and mutually agreed-upon scope of work does not guarantee the absence of such conditions; rather, it indicates only that none were found as a result of the services provided. Although the limited nature of Harding ESE's scope of work precludes us from providing a warranty or guarantee regarding the presence or absence of recognized environmental conditions that could potentially affect the Site, Harding ESE has provided its best professional judgment of possible environmental issues and performed the practices and procedures generally accepted in the consulting engineering field. No other warranty is given or implied by this report. Harding ESE has made no attempt to address future financial impacts to the Site (e.g., reduced property value, difficulty selling the property) from the potential presence of any environmental contamination onsite.

This ESA was conducted in accordance with practices and procedures generally accepted in the environmental consulting field. A more extensive assessment that includes surface and/or subsurface investigation and chemical analysis of soil and/or groundwater samples from the Site would provide more definitive information concerning site-specific conditions.

2.3 Report Organization

The following sections are included in this report, together with supporting plates and appendices:

- Section 1.0 – Executive Summary
- Section 2.0 – Introduction
- Section 3.0 – Site Description
- Section 4.0 – Site Historical Review
- Section 5.0 – Site Reconnaissance
- Section 6.0 – Regulatory Agency Database Review
- Section 7.0 – Conclusions
- Section 8.0 – References.

3.0 SITE DESCRIPTION

This section presents information regarding the physiognomy of the Site. Site photos are presented in Appendix A.

3.1 Location

The Site is in western San Joaquin County about 1½ miles west-southwest of Tracy city limits. It comprises approximately 40 acres in the northwest quadrant of San Joaquin Assessor's Parcel 209-24-11, and lies in the northwest quarter of the southwest quarter of Section 36, Township 2 South, Range 4 East, Mount Diablo Base and Meridian (NW ¼ of SW ¼, Section 36, T.2 S., R. 4. E; Plate 1). It is bordered on the north by Southern Pacific Railroad tracks and on the southwest by the Delta-Mendota Canal. The Site is accessed by a field access road off of Lammers Road, a north-south road about ½ mile east of the Site.

3.2 Physical Setting

Topography. The U.S. Geological survey (USGS) 7.5-minute Tracy quadrangle map identifies topography in the Site vicinity (USGS, 1981). As seen on the map, a portion of which is reproduced as Plate 1, the Site is at an elevation of approximately 160 feet above mean sea level (MSL). The area is relatively flat with little topographic relief. Regionally, land slopes downward to the northeast.

Surface Water/Hydrology. The nearest surface water body is the Delta-Mendota Canal southwest of and adjacent to the Site. In addition, there are numerous unnamed irrigation canals in the area.

Wetlands. The Site does not appear to have the characteristics of a wetland. However, a more thorough evaluation by a qualified individual using the methods prescribed in the 1987 *US Army Corps of Engineers Wetland Delineation Manual* would be required to determine the presence or absence of wetlands at the Site.

Regional Geology. The Site is in the northern portion of the San Joaquin Valley, the southern half of California's Central Valley. The Central Valley is a large elongate northwest-trending asymmetric structural trough that has been filled with a sequence of sediments, in some areas up to 60,000 feet thick (DWR, 1958). The geologic map of the area shows that near-surface deposits in the area near the Site are composed of flood basin deposits.

Soils. The soils at the Site (upper 5 feet) are listed as "Capay", clay with very slow infiltration rates, and moderately well drained (EDR, 2001). A 1943 USDA soil survey of the Tracy area identified soil in the areas as older alluvial "Ambrose clay" soil (USDA, 1943). The soils at the Site were being characterized by a geotechnical firm on the day of Harding ESE's Site visit. Site-specific soil information will likely be included in the geotechnical report.

Radon. The EPA was directed to list and identify areas of the US with the potential for elevated indoor radon levels under Sections 307 and 309 of the Indoor Radon Abatement Act of 1988. The EPA has established a "action level" for radon gas designated as 4 picoCuries per liter (pCi/L) of air. The environmental database report on page A-8 presents radon data for San Joaquin County, where the Site is located. According to the information presented in the EDR report, the average concentration for first floor living areas is 2.200 pCi/L. San Joaquin County is categorized as "Zone 3", a designation for areas with the lowest potential for harmful radon accumulations.

Seismology. There are no major faults in the Site vicinity. The nearest fault zones are the Tesla and San Andreas Fault zones, approximately 15 and 65 miles to the west, respectively. A moderate to major earthquake on either of these faults would generate moderate ground shaking in the Site vicinity (*California Division of Mines and Geology, 1999*).

Groundwater. The Site is in the Tracy subbasin of the San Joaquin Groundwater Basin. Based on a 1999 basin groundwater elevation map produced by the California Department of Water Resources (*DWR, 2001*) groundwater in the region appears to flow in a north-northeast direction. However, it should be noted that the gradient can vary locally. The GeoCheck® portion of the EDR report in Appendix C did not identify any wells within a mile radius of the Site, but indicates that depth to groundwater may be three to six feet in areas that possess the types of soil present at the Site. However, based on DWR groundwater level data for the basin, the depth to shallow groundwater in the Site vicinity may range from approximately 10 to 25 feet. Historical data are available on-line from the DWR Division of Planning and Local Assistance for Well 02S04E36P01M, located ¼ to ½ mile southeast of the Site (in the SE ¼ of SW ¼ Section 36, T.2 S., R. 4. E) indicates a depth to water of over time of between 156 and 280 feet (<http://well.water.ca.gov>) at this well

3.3 Site and Vicinity General Characteristics, History, and Planned Uses

The Site covers approximately 40 acres. The Site is bordered on the north by Southern Pacific Railroad tracks, on the southwest by the Delta-Mendota Canal, and to the south and east by agricultural properties. The property north across the railroad tracks is used by Owens Brockway as a manufacturing facility.

It is Harding ESE's understanding that the planned development for the Site is a peaker power plant facility.

3.4 Site Improvements

Electrical transmission lines (230kV and 115 kV lines) trend southwest to northeast across the southeastern portion of the Site. A Pacific Gas & Electric Company (PG&E) natural gas pipeline crosses the central portion of the Site from northwest to southeast. No other improvements were noted at the Site.

3.5 Current Use of the Property

The Site is not currently in agricultural production.

4.0 SITE HISTORICAL REVIEW

This section presents information on the Site based on review of historical documents reviewed by Harding ESE.

4.1 Past Uses of the Site

The Site has previously been used for agricultural purposes, based on information provided during an interview with the current Site owner (Russell Kagehiro: Section 5.0) and review of historical information presented in Section 4.3. Historically, crops grown in the Site vicinity on soils occupying the older alluvial fans (such as are present onsite) included grain, flax, and alfalfa (*USDA, 1943*).

According to Mr. Kagehiro, who has owned the Site for approximately 15 years, the site has grown cauliflower, grain, and sugar beets. It is likely the gas pipeline onsite was constructed in the 1930s, based on information in Harding ESE's files for another property along the pipeline route (*HLA, 1999*). The electrical transmission line corridor crossing the Site dates to at least 1938, based on *USDA 1943*.

4.2 Previous Environmental Studies Involving the Site

Harding ESE is not aware of any previous environmental studies related to the Site.

4.3 Historical Topographic Maps and Aerial Photographs

Harding ESE reviewed historical USGS topographic maps and aerial photographs obtained through EDR (examples are presented in Appendix B). According to ASTM Standard E 1527-00, an undeveloped property needs to have historical information that dates back to 1940. The historical information received from EDR does not meet this criterion. At the time of this report, Harding ESE was conducting a search for historical aerial photographs dating back to or before 1940. An addendum with the information will be provided.

USDA Soil Conservation Service Map, 1938. The U.S. Department of Agriculture Soil Conservation Service published a Soil Survey for the Tracy area in 1943 using 1938 survey data overlain on a USGS base map (*USDA, 1943*). This map shows that the Southern Pacific rail line was present in 1938, as was the power transmission line corridor that extends southwest to northeast across the southeast portion of the Site. The Delta-Mendota Canal was not present. An oil or gas tank farm is visible in the southeast corner the southeast quarter of Section 36, about ½ mile east of the Site.

Topographic Map. 1954. Tracy 7.5-minute quadrangle. No buildings or structures are shown on the Site. The symbol for an underground gas or oil pipeline is shown transecting the Site from the northwest to the southeast. Power lines are shown across the Site in a southwest/northeasterly direction. The Southern Pacific Railroad tracks are shown north of and adjacent to the Site. The Delta-Mendota Canal is shown southwest of and adjacent to the Site and continuing down in a southeasterly direction. According to the USGS (*1959*), the Delta-Mendota Canal was completed in 1951.

Schulte Road is present about ½ mile north of the Site and Lammers Road about ½ mile east of the Site. Three oil tanks and four barns/warehouse structures are shown approximately ½ to ¾ mile southeast of the Site. No other structures are shown near the Site.

Aerial Photograph. 1957. Scale: 1" = 555'. No buildings are shown on the Site. What appear to be the power lines are shown across the Site running southwest/northeast. The Southern Pacific Railroad tracks

are shown north of and adjacent to the Site. The Delta-Mendota Canal is shown southwest of and adjacent to the Site and continuing down in a southeast direction.

All surrounding properties and the surrounding area appear to be used for agricultural purposes.

Topographic Map. 1968. Tracy 7.5-minute quadrangle. No change onsite is apparent. Adjacent land appears unchanged as well with the exception of the large commercial structure located immediately north of the Southern Pacific Railroad tracks.

Overall, the region appears the same.

Topographic Map. 1981. Tracy 7.5-minute quadrangle. No change onsite is apparent. Adjacent land appears unchanged as well, with the exception of additions to the large commercial structure located to the north.

Overall, the region appears the same.

Aerial Photograph. 1982. Scale: 1" = 690'. The Site appears the same as it was in the 1957 photograph. A large structure is apparent north of the railroad tracks. No other changes are apparent to the adjacent properties or the surrounding area.

Aerial Photograph. 1994. Scale: 1" = 666'. The Site appears the same as it was in the 1982 photograph, with the exception of what appears to be a dirt road running along the underground pipeline route. According to an interview with a PG&E spokesperson, reported in *HLA 1999*, PG&E installed a second natural gas pipeline within its pipeline corridor in the early 1990s. Both are steel pipelines with cathodic protection. The older pipeline, installed in 1929, is 26 inches in diameter, but has been upgraded from time to time. The newer pipeline is 42 inches in diameter. Both are buried 4 to 5 feet deep in accordance with Department of Transportation regulations. It is likely that the "road" visible in the 1994 photo is indicative of recent pipeline construction. No other changes are apparent to the adjacent properties or the surrounding area.

5.0 SITE RECONNAISSANCE

Ms. Susan Lewos of Harding ESE conducted a Site visit on June 11, 2001. Following the Site visit, she interviewed Mr. Russell Kagehiro, Site owner. Mr. Kagehiro informed Harding ESE that, to his knowledge, no spills or accidents have occurred at the Site.

Mr. Kagehiro informed Harding ESE that the Site has been used for agricultural purposes and no structures, USTs, or development other than the underground pipeline and electrical towers have existed on the Site. Site photos are in Appendix A.

5.1 Site Visit Observations

At the time of the Site visit, the Site was fallow and appeared to have been used previously for agricultural purposes. Electrical power lines cross the Site in southwest/northeast direction. Telephone poles were also noted onsite. No agricultural equipment, pesticides, herbicides or fertilizers were stored on the Site. No other improvements were observed on the Site.

5.2 General Observations

During the Site visit, Harding ESE looked for but saw no evidence of the following onsite other than as described above in this section:

- Remnants of former buildings
- Underground storage tanks
- Chemical or petroleum smells or foul odors
- Landfilling or burial activities
- Surface impoundments or holding ponds
- Current air emissions or wastewater discharges
- Industrial or manufacturing activities
- Groundwater monitoring wells or remedial activities
- Stained or discolored soils
- Leachate or seeps
- Distressed, discolored, or stained vegetation
- Chemical spills or releases
- Groundwater or surface water contamination
- Oil well or gas exploration, production, or refinery activities

- Discharges, leachate, migration or runoff of potential contaminants from offsite sources.

5.3 Adjacent Properties

The property to the north of the Site across the railroad tracks is the Owens Brockway glass production facility. The Delta-Mendota Canal is located along the southwest edge of the Site with a dirt path running between the canal and the Site. Southern Pacific Railroad tracks are north of and adjacent to the Site. Agricultural properties are located south and east of the Site.

6.0 REGULATORY AGENCY DATABASE REPORT REVIEW

The ASTM Standard E 1527-00 identifies standard federal and state environmental "record sources" (e.g., the federal Superfund list, a list of registered underground storage tanks [USTs]) that should be reviewed to identify "recognized environmental conditions." The standard defines approximate minimum search distances from the Site being assessed for the types of properties listed in these records. The search radii are identified in Sections 6.2 and 6.3 for each list described. The principal criterion is whether offsite properties could impact environmental conditions on the Site, although the appearance of a property in an environmental database does not necessarily mean that it has hazardous materials/wastes problems.

Harding ESE obtained and evaluated an environmental regulatory agency database report from Environmental Data Resources, Inc. (EDR). The EDR report identifies properties listed in ASTM-recommended databases within recommended search distances from the Site and provides information on listed properties. The EDR report is included as Appendix C.

6.1 The Site

The Site was not identified in the EDR report, indicating the Site has not been listed in regulatory environmental agency databases.

6.2 Federal Environmental Record Sources

ASTM E 1527-00 guidance requires review of the following federal databases:

- **Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS, 1/2 mile), March 16, 2001** - CERCLIS contains data on potentially hazardous waste sites that have been reported to the U.S. Environmental Protection Agency (EPA) by states, municipalities, private companies, and private persons pursuant to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The CERCLIS List includes sites that are either proposed for the National Priorities List (NPL) or in the screening and assessment phase for possible inclusion on the NPL. Source: EPA/National Technical Information Service (NTIS).

No CERCLIS properties are listed within 1/2 mile of the Site.

- **CERCLIS-NFRAP (1/4 mile), March 16, 2001** - No-further-remedial-action-planned (NFRAP) sites are those removed from CERCLIS because, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require federal Superfund action or NPL consideration. The purpose of the NFRAP is to remove unintended barriers to the redevelopment of the properties as part of EPA's Brownfields program to promote economic development of unproductive urban sites. Source: EPA.

No properties within 1/4 mile of the Site are listed in this database.

- **National Priorities List (1 mile), January 23, 2001** - The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. An NPL (i.e., Superfund) site must meet or surpass a predetermined hazard ranking system score, be chosen as a state's top priority site, or meet three specific criteria set jointly by the U.S. Department of Health and Human Services and the EPA. Source: EPA.

There are no federal Superfund sites within 1 mile of the Site.

- **Emergency Response Notification System (ERNS, target property), August 8, 2000** - ERNS is a national database that records and stores information on reported releases of oil and hazardous substances. The database contains information on spill reports made to federal authorities including the EPA, U.S. Coast Guard, National Response Center, and Department of Transportation. Source: EPA/NTIS.

The Site is not identified on this list.

- **Resource Conservation and Recovery Information System (RCRIS), June 21, 2000** - RCRIS includes selected information on facilities that generate, transport, store, treat and/or dispose of hazardous waste, as defined by the Resource Conservation and Recovery Act (RCRA). Source: EPA/NTIS. RCRIS includes the following databases:

RCRIS Treatment, Storage, and Disposal (TSD) Facilities (1/2 mile) - Facilities that treat, store, and/or dispose of hazardous wastes.

No treatment, storage, and/or disposal facilities are listed within 1/2 mile of the Site.

RCRIS Generators Lists (1/4 mile) - RCRIS large quantity generators (LQG) are those facilities that generate at least 1,000 kilograms per month of non-acutely hazardous waste or meet other applicable RCRA requirements. RCRIS small quantity generators (SQG) generate less than 1,000 kg/month of non-acutely hazardous waste or meet other applicable RCRA requirements.

No RCRIS properties are listed within 1/4 mile of the Site.

- **Corrective Action Report (CORRACTS, 1 mile), April 20, 2000** - CORRACTS identifies hazardous waste handlers with RCRA corrective action activity. Source: EPA.

No properties within 1 mile of the Site are listed in the CORRACTS database.

6.3 California Environmental Record Sources

ASTM E 1527-00 requires review of the following state databases:

- **Bond Expenditure Plan (BEP, 1 mile), January 1, 1989** - California Department of Health Services (DHS) developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. The BEP is not updated. Source: DHS

No properties within 1 mile of the Site are identified on the BEP list

- **Cal-Sites Annual Workplan (AWP, 1 mile), November 8, 2000** - This database (formerly BEP), provided by Cal/EPA's Department of Toxic Substances Control (DTSC), identifies known hazardous substance sites that have been targeted for cleanup. Source: California Environmental Protection Agency (Cal/EPA).

No properties within 1 mile of the Site are listed on the AWP list.

- **Cal-Sites (formerly known as ASPIS) (1 mile), October 1, 2000** - The Cal-Sites database lists potential or confirmed hazardous substance release properties. In 1996, Cal/EPA reevaluated and significantly reduced the number of sites in this database. Source: Cal/EPA DTSC.

No properties within 1 mile of the Site are identified on the Cal-Sites list.

- **Leaking Underground Storage Tank Information System (LUST, 1/2 mile), March 31, 2001** - The LUST database lists reported leaking underground storage tank incidents. Source: State Water Resources Control Board (SWRCB).

No properties within 1 mile of the Site are listed on the LUST list.

- **Proposition 65 Notification Records (NOTIFY 65, 1 mile), October 21, 1993** - The NOTIFY 65 database contains facility notifications about any release that could impact drinking water and thereby expose the public to a potential health risk. No update of this list is planned. Source: SWRCB.

No properties within 1 mile of the Site are on the NOTIFY 65 list.

- **SWF/LF, Solid Waste Information System (SWIS, 1/2 mile), February 21, 2001** - This database is an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 2004 criteria for solid waste landfills or disposal sites. Source: California Integrated Waste Management Board.

No properties within 1/2 mile of the Site are on the SWIS list.

- **Cortese List (1 mile), April 1, 1998** - This database contains summary information pertaining to contaminated sites in California. The sites on the list are designated by the State Water Resources Control Board (from the LUST list, discussed above), the California Integrated Waste Management Board (the SWF/LF list discussed above), and the DTSC (the Cal-Sites list, above). Source: Cal/EPA Office of Emergency Information.

No properties within 1 mile of the Site are listed on the Cortese Database.

- **California Hazardous Material Incident Report System (CHMIRS, 1 mile), December 31, 1994** - CHMIRS contains information on reported hazardous material incidents (accidental releases or spills). No update of this list is planned. Source: California Office of Emergency Services (OES).

No properties were listed in the CHMIRS database within 1 mile of the Site.

- **Toxic Pits Cleanup Act Sites (Toxic Pits, 1 mile), July 1, 1995** - This list identifies sites suspected of containing hazardous substances where cleanup has not yet been completed. No update of this list is planned. Source: SWRCB.

No properties within 1 mile of the Site are listed in this database.

- **Hazardous Substance Storage Container Database (UST, 1/4 mile), October 15, 1990, and Facility Inventory Database (FID, 1/4 mile), October 31, 1994**- These databases are historical listings of facilities that have (or had) underground storage tanks. Local and county sources have current UST information. No updates of these lists are planned. Sources: SWRCB for UST, Cal/EPA for FID.

No UST or FID properties are listed as being within 1/4 mile of the Site.

- **Waste Management Unit Database System (WMUDS/SWAT, 1/2 mile), April 1, 2000** - This system is used by the SWRCB to track and inventory waste management units. WMUDS comprises the following databases: facility information, scheduled inspections information, waste management unit information, Solid Waste Assessment Test (SWAT) program information, SWAT report summary information, SWAT report summary data, Chapter 15 information and monitoring parameters, TPCA program information, RCRA program information, closure information, and interested parties information. Source: SWRCB.

No properties within the ASTM search distance are listed in this database.

6.4 State or Local ASTM Supplemental

- **Cal/EPA Hazardous Waste Information System (HAZNET, 1/4 mile), December 31, 1999** - HAZNET provides hazardous waste manifest data extracted from copies of hazardous waste manifests. Inclusion in HAZNET implies that a facility properly disposed of hazardous waste.

There are no HAZNET listings in the EDR report within 1/2 mile of the site. Facilities on the list include, in general, properties that have properly disposed of hazardous waste. The presence of these properties on the list does not imply that offsite disposal of wastes from these properties could have affected the Site.

6.5 Non-ASTM Databases

The following non-ASTM databases were checked by EDR. These databases are described on pages GR1 – GR15 of the EDR report.

- EPA Regional Offices Superfund Consent Decrees (1 mile)
- NTIS Records of Decision (1 mile)
- Delisted NPL Sites (1 mile)
- EPA Facility Index System/Facility Identification Initiative Program Summary Report (FINDS; target property)
- U.S. Department of Transportation Hazardous Materials Information Reporting System (target property)
- U.S. Nuclear Regulatory Commission Material Licensing Tracking System (target property)
- Department of Labor Mine Safety and Health Administration Mines Master Index File (1/4 mile)
- EPA Federal Superfund Liens (target property)

- EPA PCB Activity Database System (target property)
- EPA RCRA Administrative Action Tracking System (target property)
- EPA/NTIS Toxic Chemical Release Inventory System (target property)
- EPA Toxic Substances Control Act (target property)
- SWRCB Aboveground Petroleum Storage Tank Facilities (target property)
- SWRCB Waste Discharge System (target property)
- San Jose HAZMAT facilities
- Former Manufactures Gas (Coal Gas) Sites

These lists did not include any properties within the search distances given.

6.6 Orphan Sites

The EDR report lists “orphan” sites, that is, properties for which address information is insufficient to map, although addresses are frequently available. Twenty “orphans” are listed. These properties, based on their probable location or regulatory listing, are not expected to affect subsurface conditions at the Site.

7.0 CONCLUSIONS AND RECOMMENDATIONS

Harding ESE has performed this Phase I ESA for the GWF Power Systems using the ASTM Standard Practice E 1527-00. On the basis of our Site visit and document reviews, we conclude the following:

- The Site comprises an approximately 40-acre parcel that was used previously for agricultural purposes. A natural gas pipeline corridor, an electrical transmission line, and telephone lines cross the Site.
- Pesticides and herbicides have most likely been utilized at the Site. Harding ESE collected five soil samples at the Site to screen for the presence of pesticides and herbicides above regulatory levels. The results of the soil sampling will be presented under separate cover.
- No recorded spills have occurred at the Owens Brockway facility located north of the Site.
- Review of the environmental regulatory agency database report and other documents indicates that no offsite properties are believed to have the potential to affect environmental conditions at the Site.

This assessment has revealed no evidence of recognized environmental conditions as defined by ASTM.

8.0 REFERENCES

California Department of Water Resources (DWR) 1958. *Subsurface Geology of the late Tertiary and Quaternary Water-Bearing Deposits of the Southern Part of the San Joaquin valley, California.* Geological Survey Water- Supply Paper 1999-H.

_____, 2001 *Tracy sub-basin Groundwater Level Data, 1985.* <http://www.dpla.water.ca.gov/sjd/>

California Division of Mines and Geology, 1999. *Seismic Shaking Maps of California.*

Environmental Data Resources, 2001. *The EDR-Radius Map with GeoCheck®, Tracy Peaker Site, S of Southern Pacific Railroad, Tracy, California, 95376.* Inquiry Number 0642193.3r. June 8.

_____, 2001. *The EDR- Aerial Photography Print Service, Tracy Peaker Site, S of Southern Pacific Railroad, Tracy, California, 95376.* Inquiry Number 642193-6. June 12.

_____, 2001. *The EDR-Historical Topographic Map Report, Tracy Peaker Site, S of Southern Pacific Railroad, Tracy, California, 95376.* Inquiry Number 642193-5. June 11.

Harding Lawson Associates, 1999. *Phase I Environmental Site Assessment, Proposed Burrowing Owl Mitigation Site, Alameda County, California.* July 14. HLA Project No. 47442 1.

U.S. Department of Agriculture, 1943. *Soil Survey, The Tracy Area, California.* Series 1938, No. 5.

U.S. Geological Survey, 1959. *Groundwater Conditions and Storage Capacity in the San Joaquin Valley, California.* Geological Survey Water-Supply Paper 1469.

PLATES

Schulte Rd.

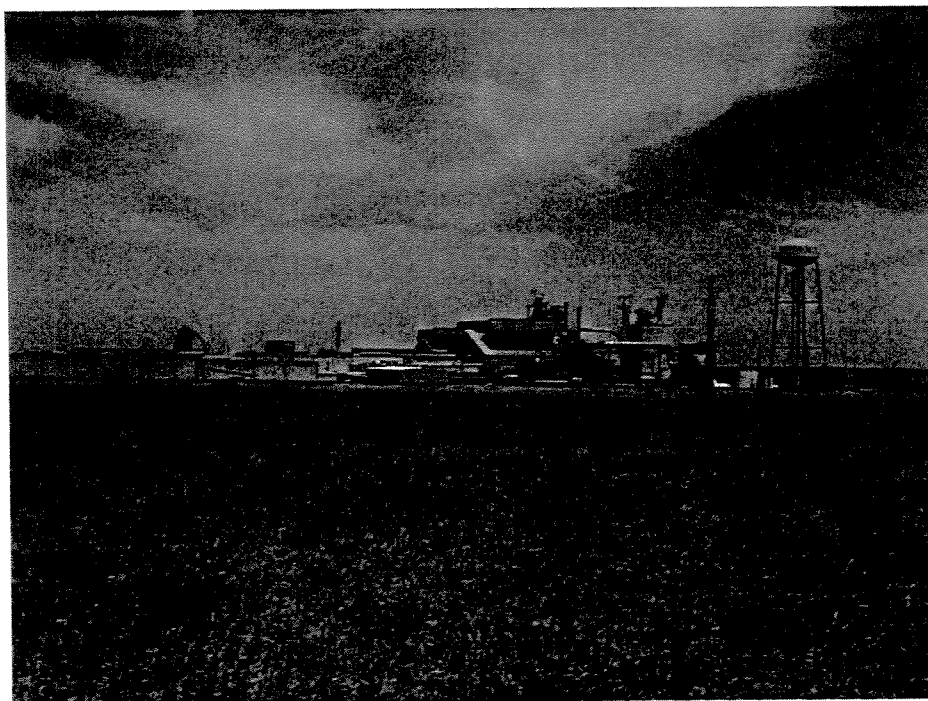
GWF Tracy Peaker Project



APPENDIX A
SITE PHOTOGRAPHS



View of southwestern boundary of Site. Photograph taken facing southeast.



View of Owens Brockway facility north of Site.

PLATE



A MACTEC COMPANY

Engineering and Environmental Services

DRAWN

JOB NUMBER

APPROVED

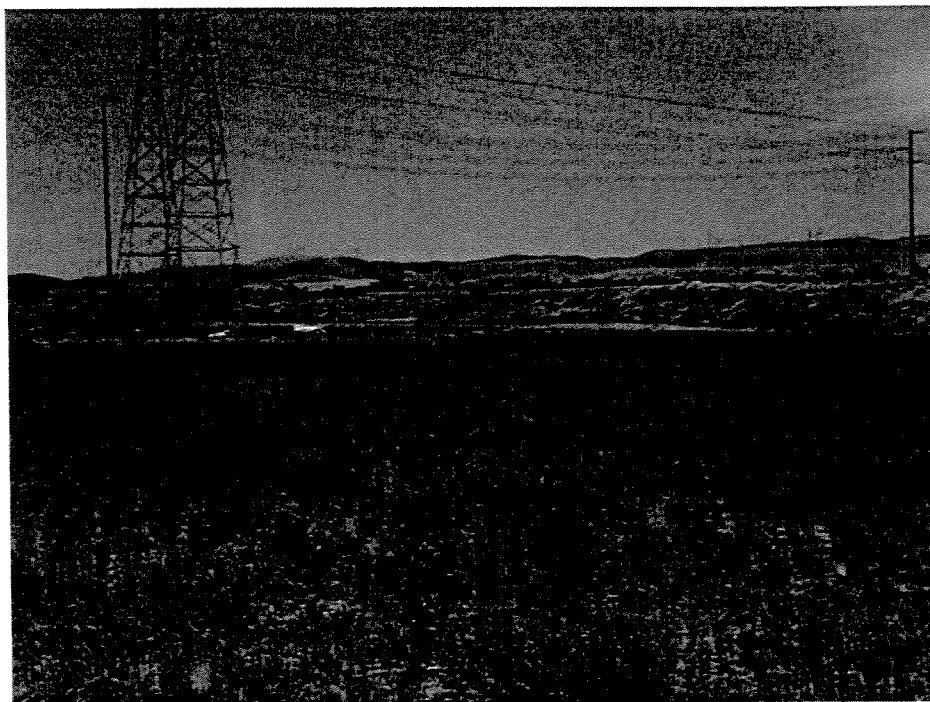
DATE

REVISED DATE

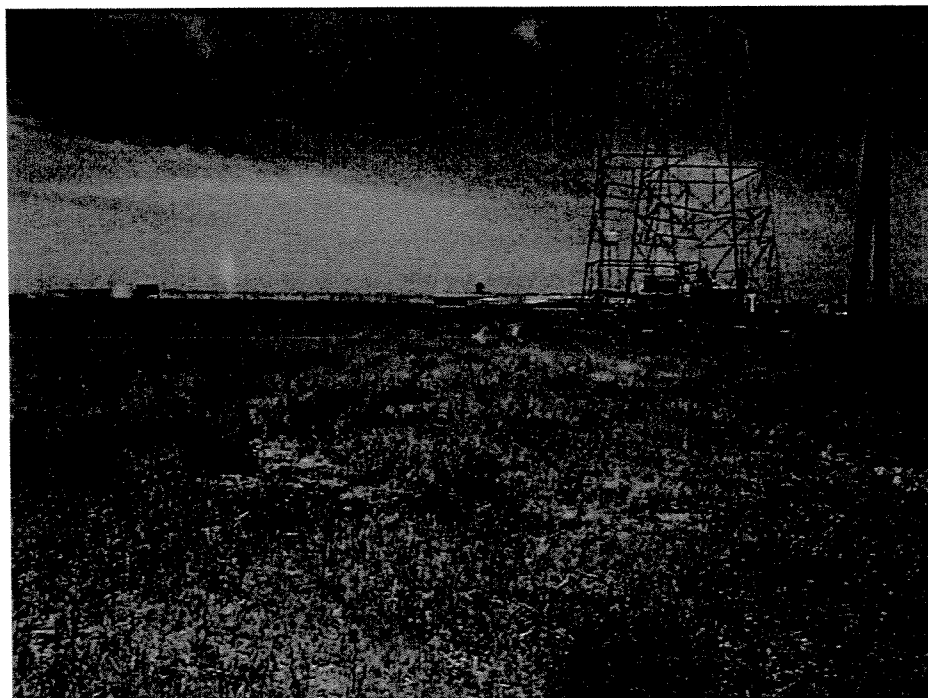
SDL

53694 001

06/01



View of southwestern corner of Site. Photograph taken facing southwest.



View of Site taken from central portion of Site. Note: Owens Brockway facility, electrical towers and telephone lines.

PLATE



Engineering and Environmental Services

DRAWN

JOB NUMBER

APPROVED

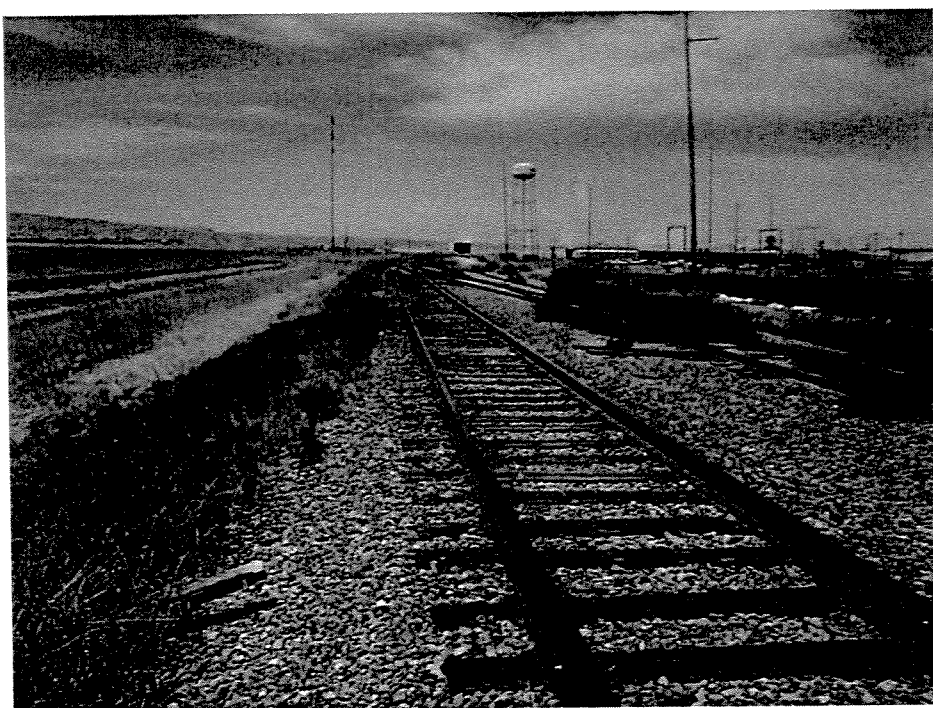
DATE

REVISED DATE

SDL

53694 001

06/01



Southern Pacific Railroad tracks north of the Site. Photograph taken facing west. Note: Owens Brockway facility.



View of agricultural property located south of the Site. Photograph taken facing southeast.

PLATE



A MACTEC COMPANY

Engineering and Environmental Services

DRAWN

JOB NUMBER

APPROVED

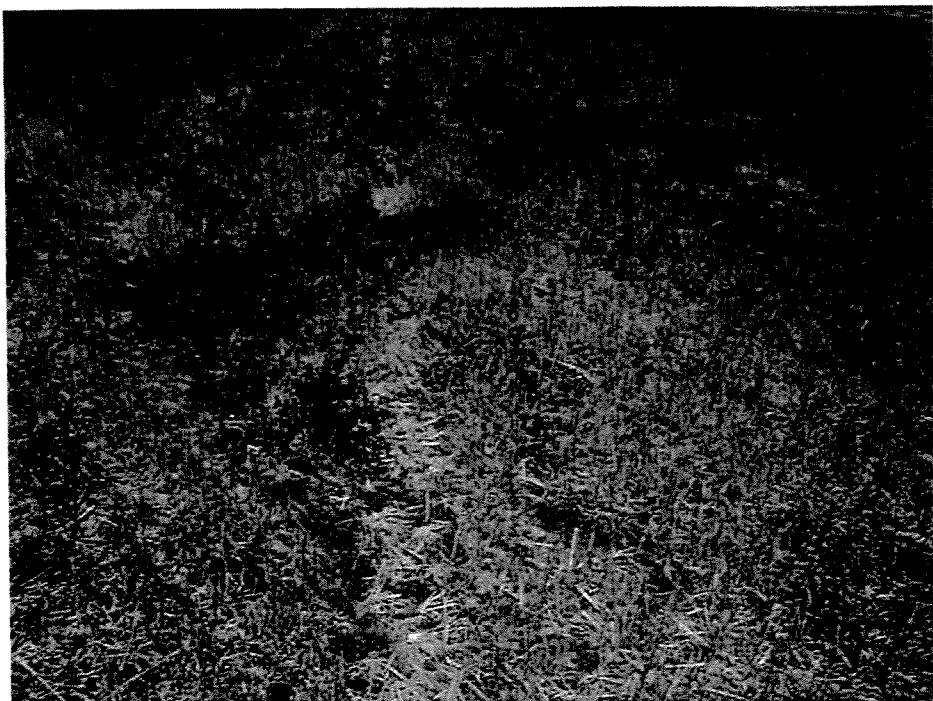
DATE

REVISED DATE

SDL

53694 001

06/01



Photograph of vegetation on the Site.



Harding ESE

A MACTEC COMPANY

Engineering and Environmental Services

PLATE

DRAWN

JOB NUMBER

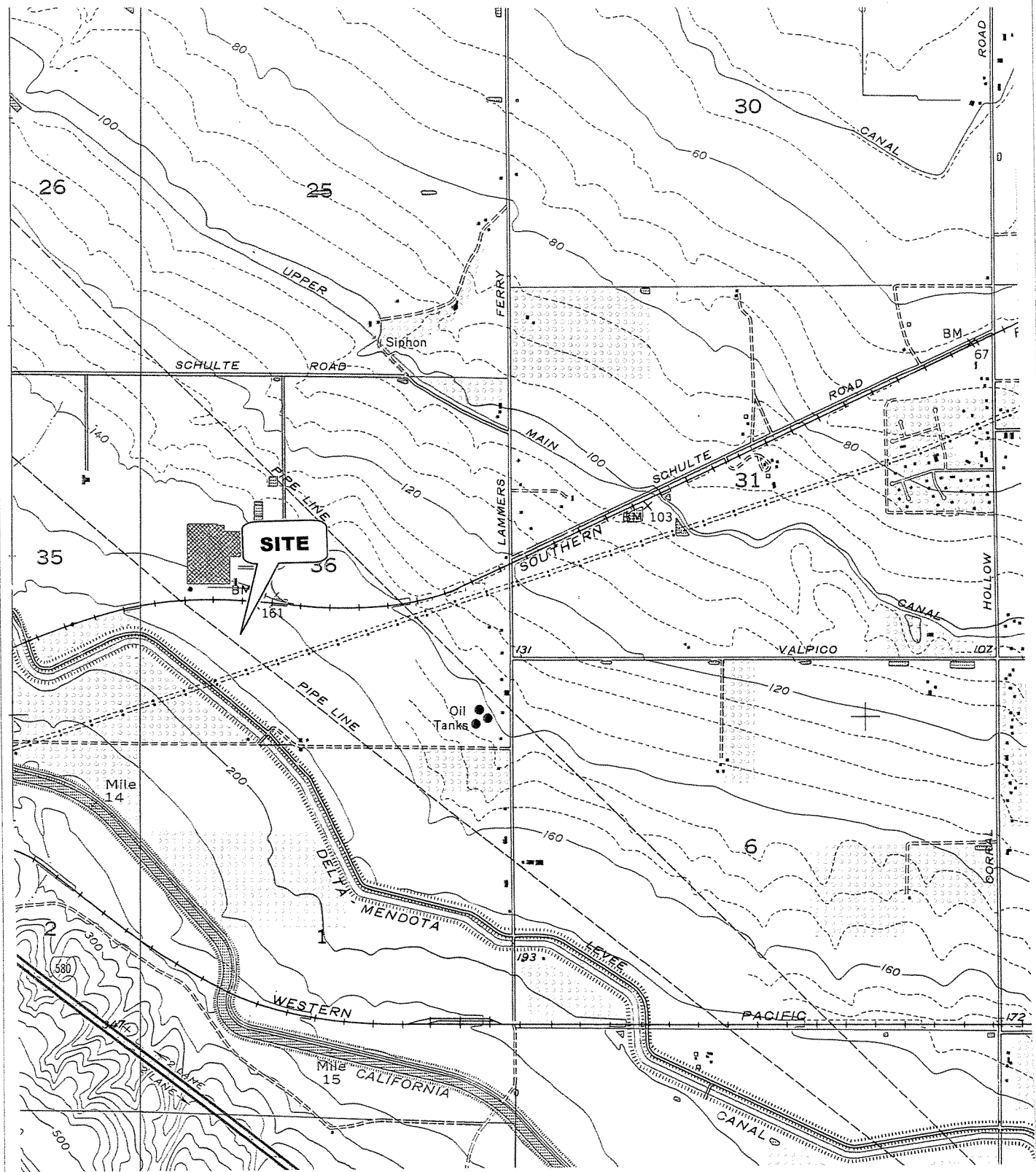
APPROVED

DATE

REVISED DATE

APPENDIX B

HISTORICAL TOPOGRAPHIC MAP AND AERIAL PHOTOGRAPH



Harding ESE

A MACTEC COMPANY

Engineering and Environmental Services

1981. 7.5-Minute Series Topographic Map
GWF Power Systems
Tracy Peaker Site
Tracy, California 95376

PLATE

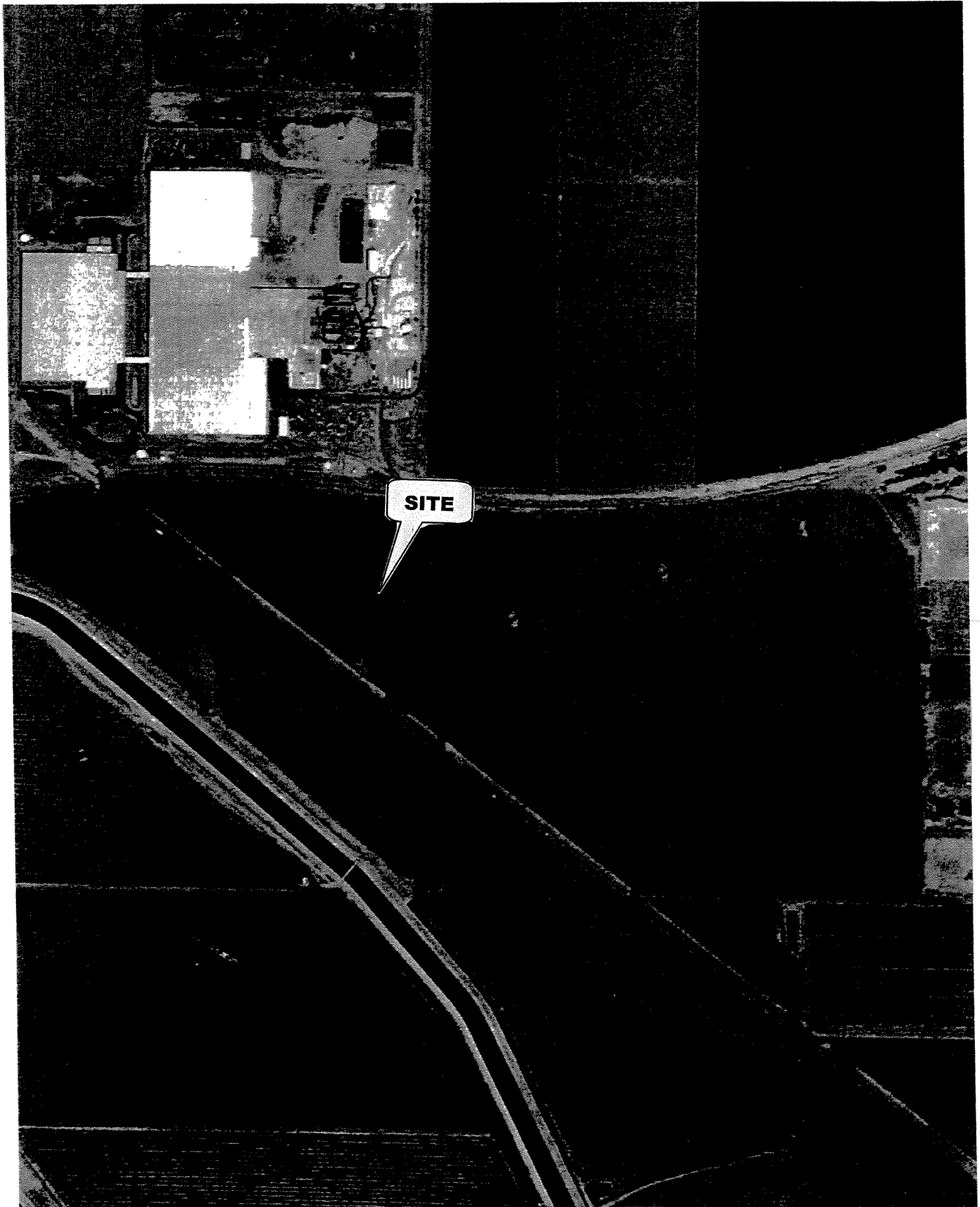
DRAWN
SDL

JOB NUMBER
53694 001

APPROVED

DATE
06/01

REVISED DATE



Harding ESE

A MACTEC COMPANY

Engineering and Environmental Services

**1994 Aerial Photograph
GWF Power Systems
Tracy Peaker Site
Tracy, California 95376**

PLATE

DRAWN
SDL

JOB NUMBER
53694 001

APPROVED

DATE
06/01

REVISED DATE

APPENDIX C

ENVIRONMENTAL DATA RESOURCES, INC., DATABASE REPORT



The EDR Radius Map with GeoCheck®

**Tracy Peaker Site
S of Southern Pacific Railroad
Tracy, CA 95376**

Inquiry Number: 0642193.3r

June 08, 2001

The Source For Environmental Risk Management Data

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	6
Orphan Summary	7
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-7
Physical Setting Source Map Findings	A-8
Physical Setting Source Records Searched	A-9

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

Disclaimer

Copyright and Trademark Notice

This report contains information obtained from a variety of public and other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL EDR BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES.

Entire contents copyright 2001 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and the edr logos are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

S OF SOUTHERN PACIFIC RAILROAD
TRACY, CA 95376

COORDINATES

Latitude (North): 37.711800 - 37° 42' 42.5"
Longitude (West): 121.490100 - 121° 29' 24.4"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 633089.5
UTM Y (Meters): 4174707.2

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2437121-F4 TRACY, CA
Source: USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned
CORRACTS..... Corrective Action Report
RCRIS-TSD..... Resource Conservation and Recovery Information System
RCRIS-LQG..... Resource Conservation and Recovery Information System
RCRIS-SQG..... Resource Conservation and Recovery Information System
ERNS..... Emergency Response Notification System

STATE ASTM STANDARD

AWP..... Annual Workplan Sites
Cal-Sites..... Calsites Database
CHMIRS..... California Hazardous Material Incident Report System
Cortese..... "Cortese" Hazardous Waste & Substances Sites List

EXECUTIVE SUMMARY

Notify 65.....	Proposition 65 Records
Toxic Pits.....	Toxic Pits Cleanup Act Sites
SWF/LF.....	Solid Waste Information System
WMUDS/SWAT.....	Waste Management Unit Database
LUST.....	Leaking Underground Storage Tank Information System
UST.....	Hazardous Substance Storage Container Database
CA BOND EXP. PLAN.....	Bond Expenditure Plan
CA FID UST.....	Facility Inventory Database

FEDERAL ASTM SUPPLEMENTAL

CONSENT.....	Superfund (CERCLA) Consent Decrees
ROD.....	Records Of Decision
Delisted NPL.....	National Priority List Deletions
FINDS.....	Facility Index System/Facility Identification Initiative Program Summary Report
HMIRS.....	Hazardous Materials Information Reporting System
MLTS.....	Material Licensing Tracking System
MINES.....	Mines Master Index File
NPL Liens.....	Federal Superfund Liens
PADS.....	PCB Activity Database System
RAATS.....	RCRA Administrative Action Tracking System
TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

AST.....	Aboveground Petroleum Storage Tank Facilities
CA WDS.....	Waste Discharge System
CA SLIC.....	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
HAZNET.....	Hazardous Waste Information System

EDR PROPRIETARY DATABASES

Coal Gas.....	Former Manufactured Gas (Coal Gas) Sites
---------------	--

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were not identified.

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name

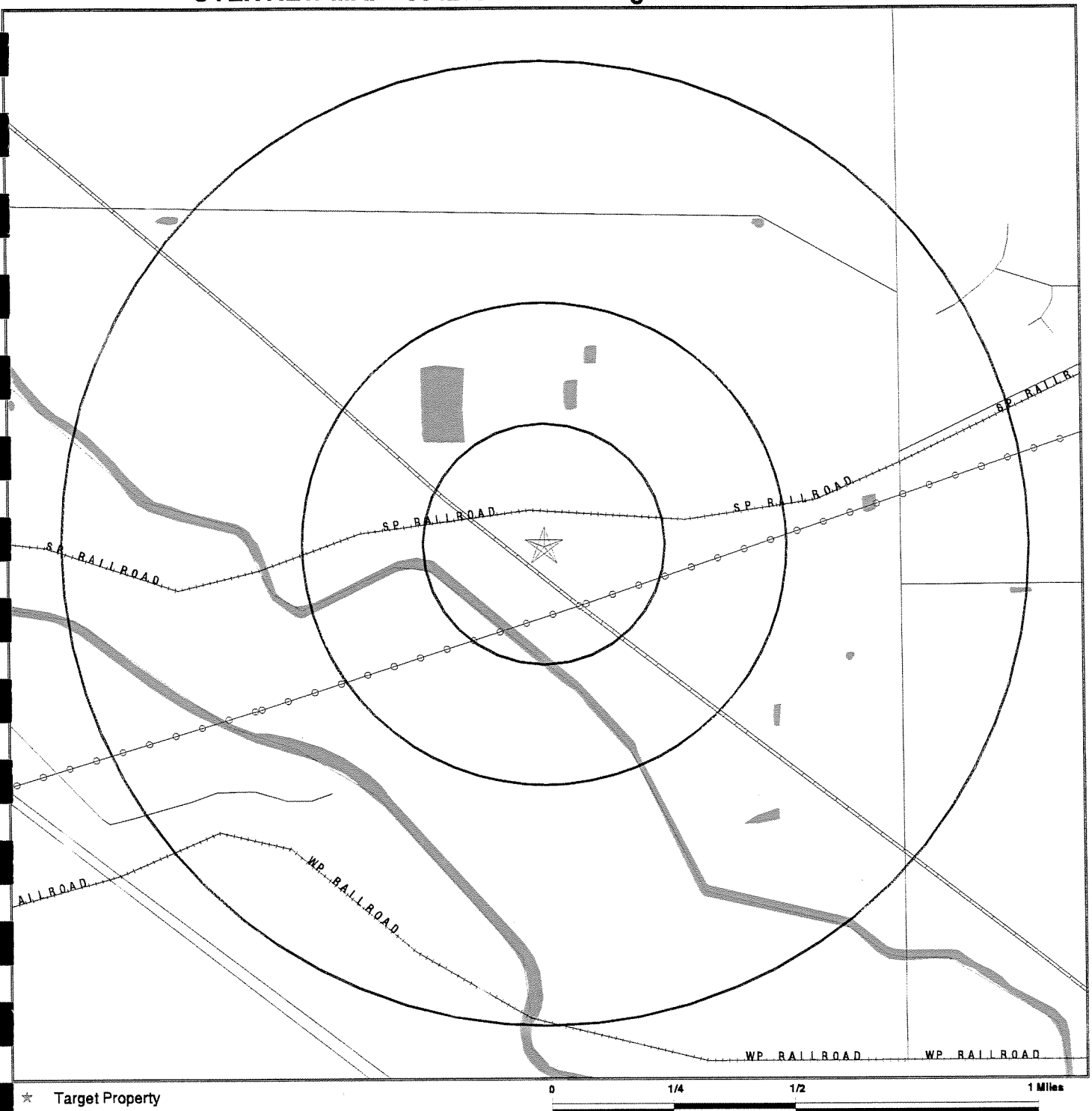
RHODES BEAN & SUPPLY

TRACY DISPOSAL SERVICE
PG&E GAS PLANT TRACY
TRACY FISH SCREEN
TRACY RURAL FIRE DEPT
TRACY MAINTENANCE FACILITY
P G & E - TRACY SERVICE CENTER
TRACY GARBAGE SERVICE
PG & E
SUTTER TRACY COMMUNITY HOSP
SAN JOAQUIN COUNTY/SOLID WASTE DIV
SAN JOAQUIN PUBLIC WORKS DEPT
TRACY TIRE BRAKE & ALIGNMENT
CITY OF TRACY
CALIFORNIA NORTHERN RAILROAD
CALIFORNIA NORTHERN RAILROAD
TITAN MISSILE SITE
CHEVRON PIPE LINE COMPANY, SURLAND
TEXACO TRADING & TRANSPORTATION -
CHEVRON PIPE LINE COMPANY, MANSFIE

Database(s)

CERC-NFRAP, CA FID UST,
Cal-Sites
Cortese, LUST
CERC-NFRAP
UST
UST
UST
CA FID UST
CA FID UST
HAZNET
HAZNET
HAZNET
HAZNET
HAZNET
HAZNET
RCRIS-SQG, FINDS
RCRIS-SQG, FINDS
CA SLIC
CA SLIC
CA SLIC
CA SLIC

OVERVIEW MAP - 0642193.3r - Harding Lawson Associates



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites (if requested)
- National Priority List Sites
- Landfill Sites

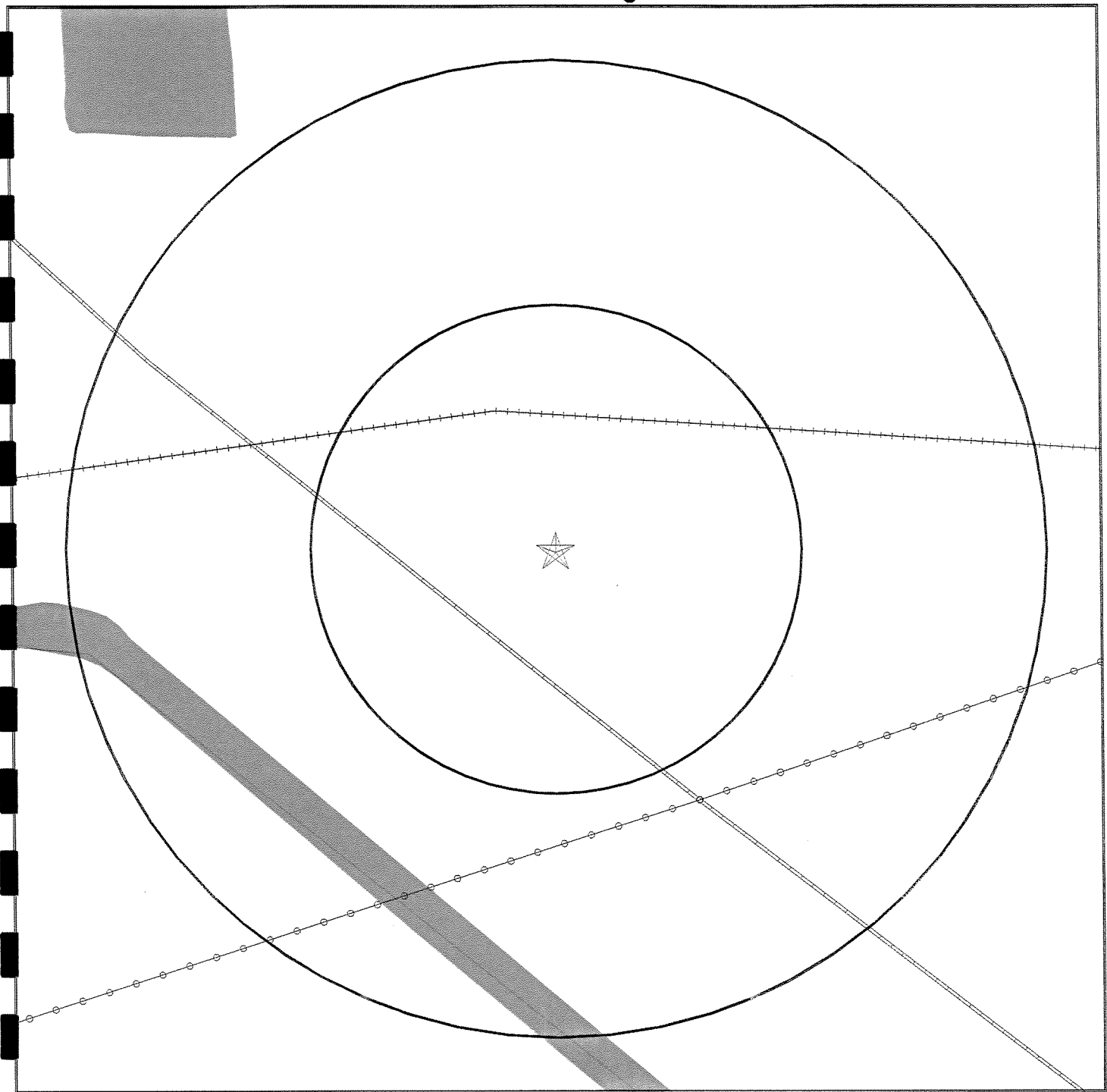
- ~ Power transmission lines
- ~ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- Wetlands

- ▨ Areas of Concern

TARGET PROPERTY: Tracy Peaker Site
 ADDRESS: S of Southern Pacific Railroad
 CITY/STATE/ZIP: Tracy CA 95376
 LAT/LONG: 37.7118 / 121.4901

CUSTOMER: Harding Lawson Associates
 CONTACT: Susan Lewos
 INQUIRY #: 0642193.3r
 DATE: June 08, 2001 8:57 am

DETAIL MAP - 0642193.3r - Harding Lawson Associates



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites (if requested)
- Sensitive Receptors
- ▨ National Priority List Sites
- ▨ Landfill Sites

- ~ Power transmission lines
- ~ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- Wetlands

- ▨ Areas of Concern

TARGET PROPERTY: Tracy Peaker Site
 ADDRESS: S of Southern Pacific Railroad
 CITY/STATE/ZIP: Tracy CA 95376
 LAT/LONG: 37.7118 / 121.4901

CUSTOMER: Harding Lawson Associates
 CONTACT: Susan Lewos
 INQUIRY #: 0642193.3r
 DATE: June 08, 2001 8:57 am

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRIS Sm. Quan. Gen.		0.250	0	0	NR	NR	NR	0
ERNS	TP		NR	NR	NR	NR	NR	0
<u>STATE ASTM STANDARD</u>								
AWP		1.000	0	0	0	0	NR	0
Cal-Sites		1.000	0	0	0	0	NR	0
CHMIRS		1.000	0	0	0	0	NR	0
Cortese		1.000	0	0	0	0	NR	0
Notify 65		1.000	0	0	0	0	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
LUST		0.500	0	0	0	NR	NR	0
UST		0.250	0	0	NR	NR	NR	0
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
CA FID UST		0.250	0	0	NR	NR	NR	0
<u>FEDERAL ASTM SUPPLEMENTAL</u>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
HMIRS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
<u>STATE OR LOCAL ASTM SUPPLEMENTAL</u>								
AST	TP		NR	NR	NR	NR	NR	0
CA WDS	TP		NR	NR	NR	NR	NR	0
CA SLIC	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
HAZNET		0.250	0	0	NR	NR	NR	0
<u>EDR PROPRIETARY DATABASES</u>								
Coal Gas		1.000	0	0	0	0	NR	0
AQUIFLOW - see EDR Physical Setting Source Addendum								

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

NO SITES FOUND

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
BANTA	S103678479	PG & E	CORNER OF GRANTLINE / BANTA	95376	HAZNET	CAC001140448
TRACY	S103659023	SUTTER TRACY COMMUNITY HOSP	425, 431 / 433 W BEVERLY	95376	HAZNET	CAC000761800
TRACY	S104163155	TRACY DISPOSAL SERVICE	99 6TH	95376	Cortese, LUST	390510
TRACY	S103843591	TITAN MISSILE SITE	46 ACRES ON FERRARI EASTLAKE (CA SLIC	
TRACY	1000196846	PG&E GAS PLANT TRACY	BET 11TH & 20TH STS(ADJ RR ROW		CERC-NFRAP	
TRACY	S103843323	CHEVRON PIPE LINE COMPANY, SURLAND	WEST BYRON ROAD 1/2 MILE NW OF	95376	CA SLIC	
TRACY	1001111614	CALIFORNIA NORTHERN RAILROAD	CFNR STATION OF TRACY	95376	RCRIS-SQG, FINDS	
TRACY	1001111615	CALIFORNIA NORTHERN RAILROAD	CFNR STATION OF LYOTH	95376	RCRIS-SQG, FINDS	
TRACY	S100944233	SAN JOAQUIN COUNTY/SOLID WASTE DIV	CITY OF TRACY CORPORATION YARD	95376	HAZNET	CAH777000487
TRACY	S102808891	SAN JOAQUIN PUBLIC WORKS DEPT	CITY OF TRACY PUBLIC WORKS	95376	HAZNET	CAH111000324
TRACY	S103992455	TRACY TIRE BRAKE & ALIGNMENT	326 GRANTLINE	95376	HAZNET	CAL000147174
TRACY	S101593217	P G & E - TRACY SERVICE CENTER	502 E GRANTLINE	95376	CA FID UST	39003480
TRACY	1000188573	RHODES BEAN & SUPPLY	24710 S HIGHWAY 33	95376	CERC-NFRAP, CA FID UST,	39002377
TRACY	S104809519	TEXACO TRADING & TRANSPORTATION -	INTERSECTION OF FOREST HILLS		Cal-Sites	
TRACY	U001608548	TRACY FISH SCREEN	LINDEMAN ROAD	95376	CA SLIC	
TRACY	U001608554	TRACY RURAL FIRE DEPT	77000 W LINNE RD	95376	UST	00000059304
TRACY	U001608549	TRACY MAINTENANCE FACILITY	MOUNTAIN HOUSE	95376	UST	00000015618
TRACY	S102803791	CITY OF TRACY	OLD CHAMBER OF COMMERCE	95376	UST	00000049878
TRACY	S101626865	TRACY GARBAGE SERVICE	99 SIXTH ST	95376	HAZNET	CAC001046008
TRACY	S103843317	CHEVRON PIPE LINE COMPANY, MANSFIE	NORTH WEST OF DIVIDEND PROPERT	95376	CA FID UST	
					CA SLIC	

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List

Source: EPA

Telephone: N/A

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC).

Date of Government Version: 01/23/01

Date Made Active at EDR: 02/16/01

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/05/01

Elapsed ASTM days: 11

Date of Last EDR Contact: 05/07/01

Proposed NPL: Proposed National Priority List Sites

Source: EPA

Telephone: N/A

Date of Government Version: 01/23/01

Date Made Active at EDR: 02/16/01

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/05/01

Elapsed ASTM days: 11

Date of Last EDR Contact: 05/07/01

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA

Telephone: 703-413-0223

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 03/16/01

Date Made Active at EDR: 04/30/01

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/26/01

Elapsed ASTM days: 35

Date of Last EDR Contact: 03/26/01

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Source: EPA

Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 03/16/01

Date Made Active at EDR: 04/30/01

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/26/01

Elapsed ASTM days: 35

Date of Last EDR Contact: 03/26/01

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/20/00
Date Made Active at EDR: 08/01/00
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 06/12/00
Elapsed ASTM days: 50
Date of Last EDR Contact: 03/14/01

RCRIS: Resource Conservation and Recovery Information System

Source: EPA/NTIS
Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 06/21/00
Date Made Active at EDR: 07/31/00
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 07/10/00
Elapsed ASTM days: 21
Date of Last EDR Contact: 05/29/01

ERNS: Emergency Response Notification System

Source: EPA/NTIS
Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 08/08/00
Date Made Active at EDR: 09/06/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 08/11/00
Elapsed ASTM days: 26
Date of Last EDR Contact: 04/19/01

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System

Source: EPA/NTIS
Telephone: 800-424-9346

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/97
Database Release Frequency: Biennially

Date of Last EDR Contact: 03/19/01
Date of Next Scheduled EDR Contact: 06/18/01

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices
Telephone: Varies

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

ROD: Records Of Decision

Source: NTIS
Telephone: 703-416-0223

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 09/30/99
Database Release Frequency: Annually

Date of Last EDR Contact: 04/10/01
Date of Next Scheduled EDR Contact: 07/09/01

DELISTED NPL: National Priority List Deletions

Source: EPA
Telephone: N/A

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/23/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/07/01
Date of Next Scheduled EDR Contact: 08/06/01

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA
Telephone: N/A

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/07/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/09/01
Date of Next Scheduled EDR Contact: 07/09/01

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation
Telephone: 202-366-4526

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 05/31/00
Database Release Frequency: Annually

Date of Last EDR Contact: 04/24/01
Date of Next Scheduled EDR Contact: 07/23/01

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/30/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/09/01
Date of Next Scheduled EDR Contact: 07/09/01

MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 08/01/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/02/01
Date of Next Scheduled EDR Contact: 07/02/01

NPL LIENS: Federal Superfund Liens

Source: EPA
Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 05/23/01
Date of Next Scheduled EDR Contact: 08/20/01

PADS: PCB Activity Database System

Source: EPA
Telephone: 202-260-3936

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 12/11/00
Database Release Frequency: Annually

Date of Last EDR Contact: 05/18/01
Date of Next Scheduled EDR Contact: 08/13/01

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RAATS: RCRA Administrative Action Tracking System

Source: EPA

Telephone: 202-564-4104

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95

Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/13/01

Date of Next Scheduled EDR Contact: 06/11/01

TRIS: Toxic Chemical Release Inventory System

Source: EPA

Telephone: 202-260-1531

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/97

Database Release Frequency: Annually

Date of Last EDR Contact: 03/26/01

Date of Next Scheduled EDR Contact: 06/25/01

TSCA: Toxic Substances Control Act

Source: EPA

Telephone: 202-260-1444

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/98

Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 03/30/01

Date of Next Scheduled EDR Contact: 06/12/01

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-564-2501

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/00

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/26/01

Date of Next Scheduled EDR Contact: 06/25/01

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Source: EPA

Telephone: 202-564-2501

Date of Government Version: 08/10/00

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/26/01

Date of Next Scheduled EDR Contact: 06/25/01

STATE OF CALIFORNIA ASTM STANDARD RECORDS

AWP: Annual Workplan Sites

Source: California Environmental Protection Agency

Telephone: 916-323-3400

Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 11/08/00

Date Made Active at EDR: 03/02/01

Database Release Frequency: Annually

Date of Data Arrival at EDR: 01/31/01

Elapsed ASTM days: 30

Date of Last EDR Contact: 04/30/01

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CAL-SITES: Calsites Database

Source: Department of Toxic Substance Control
Telephone: 916-323-3400

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database.

Date of Government Version: 10/01/00
Date Made Active at EDR: 11/22/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/30/00
Elapsed ASTM days: 23
Date of Last EDR Contact: 04/09/01

CHMIRS: California Hazardous Material Incident Report System

Source: Office of Emergency Services
Telephone: 916-464-3283

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/94
Date Made Active at EDR: 04/24/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 03/13/95
Elapsed ASTM days: 42
Date of Last EDR Contact: 05/29/01

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

Source: CAL EPA/Office of Emergency Information
Telephone: 916-327-1848

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 04/01/98
Date Made Active at EDR: 09/23/98
Database Release Frequency: Varies

Date of Data Arrival at EDR: 08/26/98
Elapsed ASTM days: 28
Date of Last EDR Contact: 04/30/01

NOTIFY 65: Proposition 65 Records

Source: State Water Resources Control Board
Telephone: 916-657-0696

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/93
Date Made Active at EDR: 11/19/93
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 11/01/93
Elapsed ASTM days: 18
Date of Last EDR Contact: 04/26/01

TOXIC PITS: Toxic Pits Cleanup Act Sites

Source: State Water Resources Control Board
Telephone: 916-227-4364

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/95
Date Made Active at EDR: 09/26/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 08/30/95
Elapsed ASTM days: 27
Date of Last EDR Contact: 05/07/01

SWF/LF (SWIS): Solid Waste Information System

Source: Integrated Waste Management Board
Telephone: 916-341-6320

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/21/01
Date Made Active at EDR: 04/13/01
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/19/01
Elapsed ASTM days: 25
Date of Last EDR Contact: 03/19/01

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WMUDS/SWAT: Waste Management Unit Database

Source: State Water Resources Control Board

Telephone: 916-227-4448

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/00

Date Made Active at EDR: 05/10/00

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/10/00

Elapsed ASTM days: 30

Date of Last EDR Contact: 03/16/01

LUST: Leaking Underground Storage Tank Information System

Source: State Water Resources Control Board

Telephone: 916-445-6532

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 03/31/01

Date Made Active at EDR: 05/07/01

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/12/01

Elapsed ASTM days: 25

Date of Last EDR Contact: 04/12/01

CA UST:

UST: Hazardous Substance Storage Container Database

Source: State Water Resources Control Board

Telephone: 916-227-4408

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/90

Date Made Active at EDR: 02/12/91

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 01/25/91

Elapsed ASTM days: 18

Date of Last EDR Contact: 04/05/01

CA BOND EXP. PLAN: Bond Expenditure Plan

Source: Department of Health Services

Telephone: 916-255-2118

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/89

Date Made Active at EDR: 08/02/94

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 07/27/94

Elapsed ASTM days: 6

Date of Last EDR Contact: 05/31/94

CA FID UST: Facility Inventory Database

Source: California Environmental Protection Agency

Telephone: 916-445-6532

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/94

Date Made Active at EDR: 09/29/95

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 09/05/95

Elapsed ASTM days: 24

Date of Last EDR Contact: 12/28/98

STATE OF CALIFORNIA ASTM SUPPLEMENTAL RECORDS

AST: Aboveground Petroleum Storage Tank Facilities

Source: State Water Resources Control Board

Telephone: 916-227-4382

Registered Aboveground Storage Tanks.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/01/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/08/01
Date of Next Scheduled EDR Contact: 08/06/01

CA WDS: Waste Discharge System
Source: State Water Resources Control Board
Telephone: 916-657-1571
Sites which have been issued waste discharge requirements.

Date of Government Version: 02/14/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/26/01
Date of Next Scheduled EDR Contact: 06/25/01

HAZNET: Hazardous Waste Information System
Source: California Environmental Protection Agency
Telephone: 916-255-1136

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/99
Database Release Frequency: Annually

Date of Last EDR Contact: 05/15/01
Date of Next Scheduled EDR Contact: 08/13/01

LOCAL RECORDS

ALAMEDA COUNTY:

Local Oversight Program Listing of UGT Cleanup Sites
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 08/01/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/30/01
Date of Next Scheduled EDR Contact: 07/30/01

Underground Tanks

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 12/01/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/30/01
Date of Next Scheduled EDR Contact: 07/30/01

CONTRA COSTA COUNTY:

Site List

Source: Contra Costa Health Services Department
Telephone: 925-646-2286

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 09/01/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/05/01
Date of Next Scheduled EDR Contact: 06/04/01

FRESNO COUNTY:

CUPA Resources List

Source: Dept. of Community Health
Telephone: 559-445-3271

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/22/01
Database Release Frequency: N/A

Date of Last EDR Contact: 05/10/01
Date of Next Scheduled EDR Contact: 08/13/01

KERN COUNTY:

Underground Storage Tank Sites & Tanks Listing

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Kern County Sites and Tanks Listing.

Date of Government Version: 01/23/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/05/01
Date of Next Scheduled EDR Contact: 06/04/01

LOS ANGELES COUNTY:

List of Solid Waste Facilities

Source: La County Department of Public Works
Telephone: 818-458-5185

Date of Government Version: 09/16/98
Database Release Frequency: Varies

Date of Last EDR Contact: 03/19/01
Date of Next Scheduled EDR Contact: 06/18/01

City of El Segundo Underground Storage Tank

Source: City of El Segundo Fire Department
Telephone: 310-607-2239

Date of Government Version: 02/01/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/23/01
Date of Next Scheduled EDR Contact: 08/20/01

City of Long Beach Underground Storage Tank

Source: City of Long Beach Fire Department
Telephone: 562-570-2543

Date of Government Version: 10/01/99
Database Release Frequency: Annually

Date of Last EDR Contact: 02/27/01
Date of Next Scheduled EDR Contact: 05/28/01

City of Torrance Underground Storage Tank

Source: City of Torrance Fire Department
Telephone: 310-618-2973

Date of Government Version: 02/01/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/23/01
Date of Next Scheduled EDR Contact: 08/20/01

City of Los Angeles Landfills

Source: Engineering & Construction Division
Telephone: 213-473-7869

Date of Government Version: 08/31/99
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/19/01
Date of Next Scheduled EDR Contact: 06/18/01

Street Number List

Source: Department of Public Works
Telephone: 626-458-3517
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 02/28/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/23/01
Date of Next Scheduled EDR Contact: 08/20/01

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site Mitigation List

Source: Community Health Services

Telephone: 323-890-7806

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/11/01

Database Release Frequency: Annually

Date of Last EDR Contact: 05/23/01

Date of Next Scheduled EDR Contact: 08/20/01

San Gabriel Valley Areas of Concern

Source: EPA Region 9

Telephone: 415-744-2407

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/98

Database Release Frequency: N/A

Date of Last EDR Contact: 06/29/99

Date of Next Scheduled EDR Contact: N/A

MARIN COUNTY:

Underground Storage Tank Sites

Source: Public Works Department Waste Management

Telephone: 415-499-6647

Currently permitted USTs in Marin County.

Date of Government Version: 03/05/01

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/08/01

Date of Next Scheduled EDR Contact: 08/06/01

NAPA COUNTY:

Sites With Reported Contamination

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269

Date of Government Version: 04/02/01

Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/02/01

Date of Next Scheduled EDR Contact: 07/02/01

Closed and Operating Underground Storage Tank Sites

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269

Date of Government Version: 11/17/00

Database Release Frequency: Annually

Date of Last EDR Contact: 04/02/01

Date of Next Scheduled EDR Contact: 07/02/01

ORANGE COUNTY:

List of Underground Storage Tank Cleanups

Source: Health Care Agency

Telephone: 714-834-3446

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 11/29/00

Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/13/01

Date of Next Scheduled EDR Contact: 06/11/01

List of Underground Storage Tank Facilities

Source: Health Care Agency

Telephone: 714-834-3446

Orange County Underground Storage Tank Facilities (UST).

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/29/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/13/01
Date of Next Scheduled EDR Contact: 06/11/01

List of Industrial Site Cleanups

Source: Health Care Agency
Telephone: 714-834-3446
Petroleum and non-petroleum spills.

Date of Government Version: 10/24/00
Database Release Frequency: Annually

Date of Last EDR Contact: 03/13/01
Date of Next Scheduled EDR Contact: 06/11/01

PLACER COUNTY:

Master List of Facilities

Source: Placer County Health and Human Services
Telephone: 530-889-7335
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 04/11/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/26/01
Date of Next Scheduled EDR Contact: 06/25/01

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Source: Department of Public Health
Telephone: 909-358-5055
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 01/24/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/23/01
Date of Next Scheduled EDR Contact: 07/23/01

Underground Storage Tank Tank List

Source: Health Services Agency
Telephone: 909-358-5055

Date of Government Version: 12/05/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/23/01
Date of Next Scheduled EDR Contact: 07/23/01

SACRAMENTO COUNTY:

CS - Contaminated Sites

Source: Sacramento County Environmental Management
Telephone: 916-875-8450

Date of Government Version: 02/06/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/08/01
Date of Next Scheduled EDR Contact: 08/06/01

ML - Regulatory Compliance Master List

Source: Sacramento County Environmental Management
Telephone: 916-875-8450

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/06/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/08/01
Date of Next Scheduled EDR Contact: 08/06/01

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SAN BERNARDINO COUNTY:

Hazardous Material Permits

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 10/02/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/13/01
Date of Next Scheduled EDR Contact: 06/11/01

SAN DIEGO COUNTY:

Solid Waste Facilities

Source: Department of Health Services
Telephone: 619-338-2209
San Diego County Solid Waste Facilities.

Date of Government Version: 07/01/98
Database Release Frequency: Annually

Date of Last EDR Contact: 05/29/01
Date of Next Scheduled EDR Contact: 08/27/01

Hazardous Materials Management Division Database

Source: Hazardous Materials Management Division
Telephone: 619-338-2268

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 04/08/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/09/01
Date of Next Scheduled EDR Contact: 07/09/01

SAN FRANCISCO COUNTY:

Local Oversight Facilities

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920

Date of Government Version: 03/30/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/13/01
Date of Next Scheduled EDR Contact: 06/11/01

Underground Storage Tank Information

Source: Department of Public Health
Telephone: 415-252-3920

Date of Government Version: 12/01/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/13/01
Date of Next Scheduled EDR Contact: 06/11/01

SAN MATEO COUNTY:

Fuel Leak List

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/26/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/30/01
Date of Next Scheduled EDR Contact: 07/30/01

Business Inventory

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 06/24/99
Database Release Frequency: Annually

Date of Last EDR Contact: 04/17/01
Date of Next Scheduled EDR Contact: 07/16/01

SANTA CLARA COUNTY:

Fuel Leak Site Activity Report

Source: Santa Clara Valley Water District
Telephone: 408-927-0710

Date of Government Version: 12/31/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/02/01
Date of Next Scheduled EDR Contact: 07/02/01

Hazardous Material Facilities

Source: City of San Jose Fire Department
Telephone: 408-277-4659

Date of Government Version: 09/28/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/13/01
Date of Next Scheduled EDR Contact: 06/11/01

SOLANO COUNTY:

Leaking Underground Storage Tanks

Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 02/06/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/19/01
Date of Next Scheduled EDR Contact: 06/18/01

Underground Storage Tanks

Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 02/06/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/19/01
Date of Next Scheduled EDR Contact: 06/18/01

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

Source: Department of Health Services
Telephone: 707-525-6565

Date of Government Version: 12/01/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/30/01
Date of Next Scheduled EDR Contact: 07/30/01

SUTTER COUNTY:

Underground Storage Tanks

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/02/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/03/01
Date of Next Scheduled EDR Contact: 07/09/01

VENTURA COUNTY:

Inventory of Illegal Abandoned and Inactive Sites

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 06/01/99
Database Release Frequency: Annually

Date of Last EDR Contact: 03/01/01
Date of Next Scheduled EDR Contact: 05/28/01

Listing of Underground Tank Cleanup Sites

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 07/26/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/19/01
Date of Next Scheduled EDR Contact: 06/18/01

Underground Tank Closed Sites List

Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 11/22/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/16/01
Date of Next Scheduled EDR Contact: 07/16/01

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 02/07/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/19/01
Date of Next Scheduled EDR Contact: 06/18/01

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Source: Yolo County Department of Health
Telephone: 530-666-8646

Date of Government Version: 01/23/01
Database Release Frequency: Annually

Date of Last EDR Contact: 04/23/01
Date of Next Scheduled EDR Contact: 07/23/01

California Regional Water Quality Control Board (RWQCB) LUST Records

LUST REG 1: Active Toxic Site Investigation

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220

Date of Government Version: 02/01/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/28/01
Date of Next Scheduled EDR Contact: 05/28/01

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 2: Fuel Leak List

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Date of Government Version: 03/21/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/16/01
Date of Next Scheduled EDR Contact: 07/16/01

LUST REG 3: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Date of Government Version: 02/20/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/23/01
Date of Next Scheduled EDR Contact: 08/20/01

LUST REG 4: Underground Storage Tank Leak List

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-266-6600

Date of Government Version: 04/12/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/02/01
Date of Next Scheduled EDR Contact: 07/02/01

LUST REG 5: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-255-3125

Date of Government Version: 01/02/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 05/17/01
Date of Next Scheduled EDR Contact: 07/09/01

LUST REG 6L: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424

Date of Government Version: 04/01/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/09/01
Date of Next Scheduled EDR Contact: 07/09/01

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491

Date of Government Version: 01/02/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/09/01
Date of Next Scheduled EDR Contact: 07/09/01

LUST REG 7: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-346-7491

Date of Government Version: 01/24/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/02/01
Date of Next Scheduled EDR Contact: 07/02/01

LUST REG 8: Leaking Underground Storage Tanks

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4498

Date of Government Version: 11/22/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/18/01
Date of Next Scheduled EDR Contact: 08/13/01

LUST REG 9: Leaking Underground Storage Tank Report

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 619-467-2952

Date of Government Version: 03/01/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/23/01
Date of Next Scheduled EDR Contact: 07/23/01

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

California Regional Water Quality Control Board (RWQCB) SLIC Records

SLIC REG 1: Active Toxic Site Investigations

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220

Date of Government Version: 02/01/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/28/01
Date of Next Scheduled EDR Contact: 05/28/01

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 03/21/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/16/01
Date of Next Scheduled EDR Contact: 07/16/01

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 02/20/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 05/23/01
Date of Next Scheduled EDR Contact: 08/20/01

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 03/26/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/30/01
Date of Next Scheduled EDR Contact: 07/30/01

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-855-3075

Unregulated sites that impact groundwater or have the potential to impact groundwater.

Date of Government Version: 12/30/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/11/01
Date of Next Scheduled EDR Contact: 07/09/01

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583

Date of Government Version: 10/01/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/09/01
Date of Next Scheduled EDR Contact: 07/09/01

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-3298

Date of Government Version: 06/01/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/11/01
Date of Next Scheduled EDR Contact: 07/09/01

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/01/01
Database Release Frequency: Annually

Date of Last EDR Contact: 03/05/01
Date of Next Scheduled EDR Contact: 06/04/01

EDR PROPRIETARY DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

HISTORICAL AND OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

Oil/Gas Pipelines/Electrical Transmission Lines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines and electrical transmission lines.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 1999 from the U.S. Fish and Wildlife Service.

GEOCHECK® - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

TRACY PEAKER SITE
S OF SOUTHERN PACIFIC RAILROAD
TRACY, CA 95376

TARGET PROPERTY COORDINATES

Latitude (North):	37.711800 - 37° 42' 42.5"
Longitude (West):	121.490097 - 121° 29' 24.3"
Universal Transverse Mercator:	Zone 10
UTM X (Meters):	633089.5
UTM Y (Meters):	4174707.2

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2437121-F4 TRACY, CA
Source: USGS 7.5 min quad index

GENERAL TOPOGRAPHIC GRADIENT AT TARGET PROPERTY

Target Property: General NNE

Source: General Topographic Gradient has been determined from the USGS 1 Degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County
SAN JOAQUIN, CA

FEMA Q3 Flood
Data Electronic Coverage
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property:
Additional Panels in search area:

0602990705A / CBNP
0602990700A / CBPP

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
TRACY

NWI Electronic
Coverage
YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Site-Specific Hydrogeological Data*:

Search Radius: 2.0 miles
Status: Not found

AQUIFLOW®

Search Radius: 2.000 Miles.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

GEOLOGIC AGE IDENTIFICATION

Geologic Code: Q
Era: Cenozoic
System: Quaternary
Series: Quaternary

ROCK STRATIGRAPHIC UNIT

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Component Name: CAPAY

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Moderately well drained. Soils have a layer of low hydraulic conductivity, wet state high in the profile. Depth to water table is 3 to 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	32 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.20 Min: 0.06	Max: 8.40 Min: 5.60
2	32 inches	50 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.20 Min: 0.06	Max: 8.40 Min: 6.60
3	50 inches	62 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.20 Min: 0.06	Max: 8.40 Min: 6.60

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: clay loam
 gravelly - clay loam
 fine sandy loam
 loam
 extremely gravelly - sand
 gravelly - loam
 gravelly - sandy loam

Surficial Soil Types: clay loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

gravelly - clay loam
fine sandy loam
loam
extremely gravelly - sand
gravelly - loam
gravelly - sandy loam

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: clay loam
gravelly - clay loam
gravelly - loam
stratified
indurated
extremely gravelly - sand

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

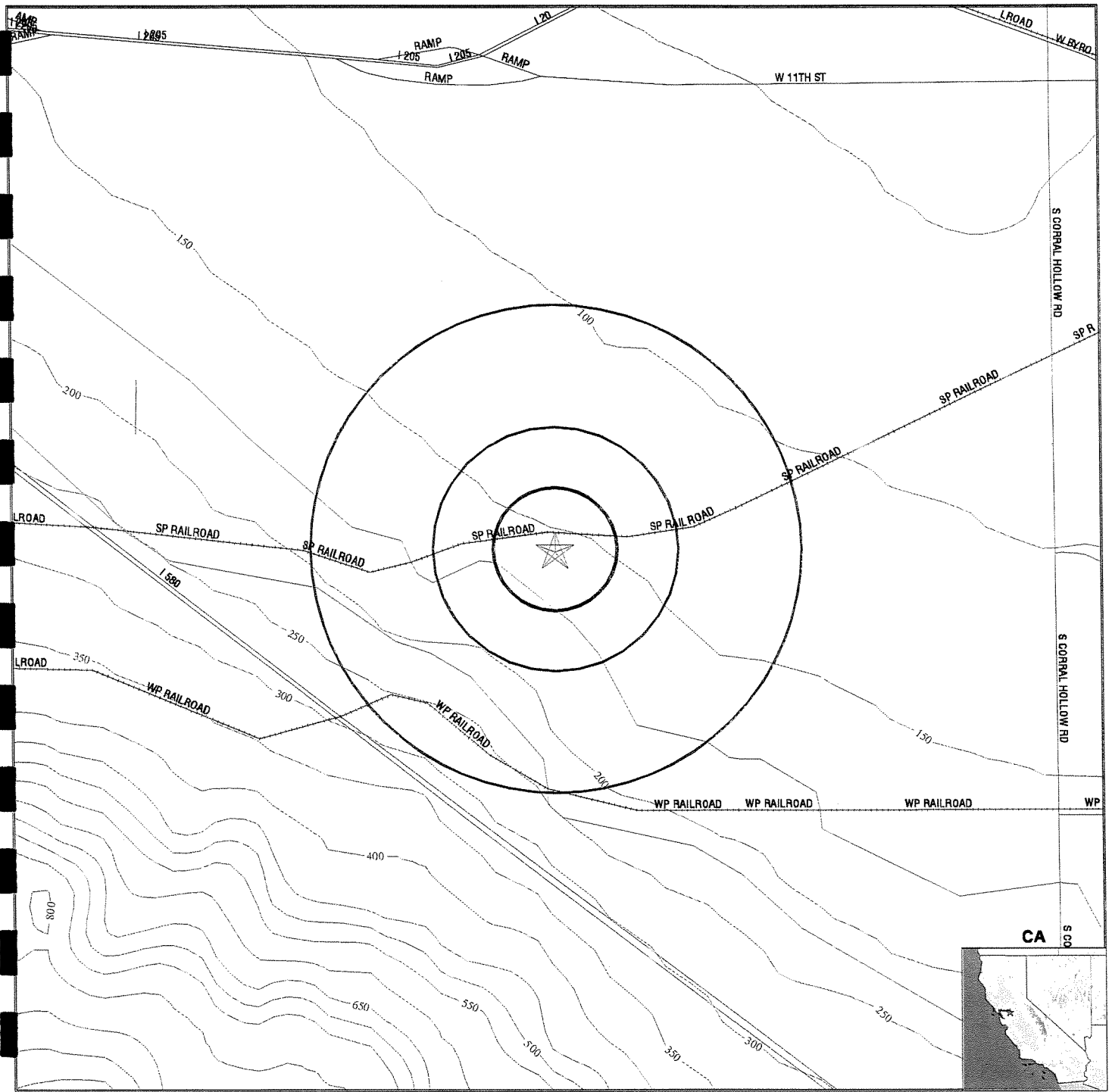
MAP ID

WELL ID

LOCATION
FROM TP

No Wells Found

PHYSICAL SETTING SOURCE MAP - 0642193.3r



- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Water Wells
- Public Water Supply Wells
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Cluster of Multiple Icons

- Earthquake epicenter, Richter 5 or greater
- Closest Hydrogeological Data
- Oil, gas or related wells

TARGET PROPERTY: Tracy Peaker Site
 ADDRESS: S of Southern Pacific Railroad
 CITY/STATE/ZIP: Tracy CA 95376
 LAT/LONG: 37.7118 / 121.4901

CUSTOMER: Harding Lawson Associates
 CONTACT: Susan Lewos
 INQUIRY #: 0642193.3r
 DATE: June 08, 2001 8:57 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for SAN JOAQUIN County: 3

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Zip Code: 95376

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	2.200 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 1999 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the national Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on more than 900,000 wells, springs, and other sources of groundwater.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations for District 2 and 6

Source: Department of Conservation

Telephone: 916-323-1779

RADON

Area Radon Information: The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones: Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

DISTRIBUTION

Phase I Environmental Site Assessment
GWF Power Systems
Henrietta, California

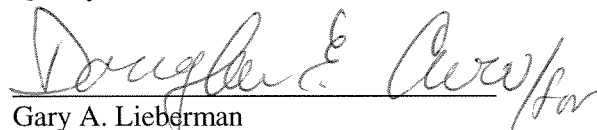
July 2, 2001

Copy No. 1

Copy 1-2: Mr. Mark Kehoe
GWF Power Systems
4300 Railroad Avenue
Pittsburg, California 94565

Copies 3-6: Harding ESE Project Files

Quality Control Reviewer



Gary A. Lieberman
Senior Project Geologist

SDL/ETL:klb/KB57470.DOC